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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/822,733	04/13/2004	Junichi Koyama	04USFP962-T.T.	4584

21254 7590 10/09/2007  
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VIENNA, VA 22182-3817

EXAMINER
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HASHEM, LISA

ART UNIT	PAPER NUMBER
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2614

MAIL DATE	DELIVERY MODE
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10/09/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/822,733	<b>Applicant(s)</b> KOYAMA, JUNICHI	
	<b>Examiner</b> Lisa Hashem	<b>Art Unit</b> 2614	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 April 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>4-13-04</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Pat. No. 7,075,918 by Kung et al, hereinafter Kung.

Regarding claim 1, Kung discloses an IP-PBX (Internet Protocol Private Branch eXchange) (Figures 1, 3: 300; col. 22, lines 47-58) comprising:

a software-based built-in control unit (co. 18, lines 32-49); at least one card slot into which a control card is plugged; and a data bus connecting said software-based built-in control unit and said card slot (col. 17, line 45 – col. 18, line 49), wherein said software-based built-in control unit includes: a first management unit managing up to a first number of IP (Internet Protocol) terminals; and an IP terminal registering unit connected to said first management unit and said card slot, wherein said control card includes a second management unit managing up to a second number of IP terminals (col. 21, line 57 – col. 22, line 46), wherein said IP terminal registering unit compares a current number of IP terminals managed by one of said first management unit and said second management unit with corresponding one of said first number and said second number when an IP terminal requests communication, said IP terminal having an ID number and an IP address, wherein, if said current number is smaller than said one number, said IP terminal

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registering unit associates said one management unit with said ID number and said IP address, and said one management unit manages said IP terminal,

wherein, if said current number is equal to said one number, said IP terminal registering unit

associates another of said first management unit and said second management unit with said ID number and said IP address, and said another management unit manages said IP terminal (col. 28, line 43 – col. 30, line 42).

Regarding claim 2, see Kung: col. 29, lines 4-12.

Regarding claim 3, see Kung: col. 28, line 43 – col. 30, line 42.

Regarding claim 4, Kung discloses an IP-PBX system comprising:

an IP-PBX (Figures 1, 3: 300; col. 22, lines 47-58); a plurality of IP terminals; and a network connecting said IP-PBX and said plurality of IP terminals (col. 17, line 27 – col. 20, line 45), wherein said IP-PBX comprises: a software-based built-in control unit; at least one card slot into which a control card is plugged; and a data bus connecting said software-based built-in control unit and said card slot, wherein said software-based built-in control unit includes: a first management unit managing up to a first number of IP terminals and connected to said network; and an IP terminal registering unit connected to said first management unit, said card slot and said network, wherein said control card includes a second management unit managing up to a second number of IP terminals and connected to said network, unit manages said one IP terminal, wherein, if said current number is equal to said one number, said IP terminal registering unit associates another of said first management unit and said second management unit with said

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ID number and said IP address, and said another management unit manages said one IP terminal (col. 28, line 43 – col. 30, line 42).

Regarding claim 5, see Kung: col. 29, lines 4-12.

Regarding claim 6, see Kung: col. 28, line 43 – col. 30, line 42.

Regarding claim 7, see Kung: col. 28, line 43 – col. 30, line 42.

Regarding claim 8, please see the rejection to claim 1, wherein Kung discloses a computer usable medium having computer readable program code embodied therein configured for controlling an IP-PBX (Fig. 3, 300; col. 17, line 27 – col. 20, line 63).

***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892 Form.

4. Any response to this action should be mailed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Or faxed to:**

(571) 273-8300 (for formal communications intended for entry)

**Or call:**

(571) 272-2600 (for customer service assistance)


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lisa Hashem whose telephone number is (571) 272-7542. The examiner can normally be reached on M-F 8:30-5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

lh  
October 2, 2007

  
**AHMAD F. MATAR**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2700**